LISTING OF THE CLAIMS

This listing of claims, amended as indicated below, replaces all prior versions, and listings, of claims in the application

1. (Currently Amended) A die ejector system for removing a die from an adhesive surface, comprising:

an ejector tool that is operative to move relative to a position at which a die on an adhesive surface is located, whereby to push the die;

a shaft for holding the ejector tool;

a linear motor comprising a forcer and a stator, wherein the forcer is coupled to the shaft and is movable relative to the stator and wherein the linear motor includes two opposite ends, a first end being below the forcer and the stator and a second end being above the forcer and the stator;

a flexure bearing coupled to the shaft for guiding movement of the ejector tool relative to the position at which the die is located ~~die mounting bearing~~ the flexure bearing being positioned at the first end of the linear motor;

a second flexure bearing coupled to the shaft, the second flexure bearing being positioned at the second end of the linear motor; and

a die pick-up device for removal of a die from the adhesive surface at the die position ~~mounting location~~ which has been pushed by the ejector tool.

2. (Original) A die ejector system as claimed in claim 1, wherein the forcer comprises coils adapted to carry current.

3. (Original) A die ejector system as claimed in claim 1, wherein the stator comprises permanent magnets.

4. - 6. (Canceled).

7. (Previously Presented) A die ejector system as claimed in claim 1, wherein an axis of a pushing force generated on the shaft is aligned with an axis along which the flexure bearing is adapted to flex.

8. (Previously Presented) A die ejector system as claimed in claim 1, wherein the flexure bearing comprises flexing portions for facilitating relative axial motion of non-flexing portions of the flexure bearing.

9. (Original) A die ejector system as claimed in claim 8, wherein the flexure bearing includes spacers positioned adjacent and covering at least part of the non-flexing portions for facilitating mounting of the non-flexing portions to one or more mounting surfaces.

10. (Previously Presented) A die ejector system as claimed in claim 1, wherein the flexure bearing comprises a flexible disc.

11. (Previously Presented) A die ejector system as claimed in claim 1, including regularly-shaped slots fabricated on the flexure bearing with polar symmetry.

12. (Original) A die ejector system as claimed in claim 1, wherein the linear motor is cylindrically-shaped.

13. (Original) A die ejector system as claimed in claim 1, including a force sensor coupled to the shaft for detecting a force exerted on the ejector tool.

14. (Original) A die ejector system as claimed in claim 1, including a position sensor coupled to the shaft for providing position feedback whereby to determine a position of the ejector tool.

15. (Withdrawn) A method for removing a die from an adhesive surface, comprising the steps of:

providing an ejector tool that is movable relative to the die;
mounting the ejector tool onto a shaft;
coupling the shaft to a forcer of a linear motor that is movable relative to a stator of the linear motor;
moving the forcer relative to the stator whereby to push the ejector tool against the die;
then removing the die from the adhesive surface with a die pick up device.

16. (Withdrawn) A method as claimed in claim 15, wherein the forcer comprises coils adapted to carry current.

17. (Withdrawn) A method as claimed in claim 15, wherein the stator comprises permanent magnets.

18. (Withdrawn) A method as claimed in claim 15, including coupling a flexure bearing to the shaft and using the flexure bearing to guide movement of the ejector tool relative to the die.

19. (Withdrawn) A method as claimed in claim 18, including coupling a second flexure bearing to the shaft.

20. (Withdrawn) A method as claimed in claim 19, including positioning the flexure bearing and the second flexure bearing on opposite sides of the linear motor.

21. (Withdrawn) A method as claimed in claim 18, including aligning an axis of a pushing force generated on the shaft with an axis along which flexure bearing is adapted to flex.

22. (Withdrawn) A method as claimed in claim 18, wherein the flexure bearing comprises a flexible disc.

23. (Withdrawn) A method as claimed in claim 15, including detecting a force exerted on the ejector tool.

24. (Withdrawn) A method as claimed in claim 15, including providing position feedback for determining a position of the ejector tool.